Myanmar Project to realize low carbonization in Mandalay region, through introduction of saving energy technologies and renewable energies

MOEJ: FY 2017 inter-city collaboration project to create a low-carbon society (FY 2017∼)

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Achievements of
International cooperation projects
Environment
and Water supply sector
Collaboration with IGES-UNEP
projects
Participate strategy- planning

Mayor of Mandalay city visited Kitakyushu in AUG of 2014 by JICA Partnership Program.

Head of Cleansing Dep. of Mandalay city participated Workshop on Waste Management through City-to-City Collaboration by MOEJ at Kitakyushu.in JAN of 2017. Explain environment policy of Kitakyushu city and discussed about

[Promote City-to-City Collaboration projects]

For the City-to-City collaboration projects
Conducting of basic survey to grasp needs
(Waste management, energy, water & sewerage, environmental protection)

Kitakyushu City

Further promotion of City-to-City Collaboration

Mandalay City

Energy sector

as specialist

This project aims to realize not only saving energy such as introduction of energy efficient chiller and introduction of renewable energy such as solar power but also electricity generation by biomass such as rice husk and feces and urine of livestock to reduce GHG emissions highly.

l t e m	Details
Activity 1: Promotion of low-carbonization for large scale building	Introduction of high-efficiency chillers, introduction of air conditioners equipped with inverter functions, and installation of solar panels and solar hot-water systems at large-scale hospitals.
Activity 2: Promotion of distributed energy system by renewable energy	Introduction of installation of solar panels at shopping malls and the Low head hydro power generation system.
Activity 3: Introduction of electricity generation by biomass such as rice husk and feces	Low-carbon business by energy-saving facilities for rice mill factories
Activity 4: Introduction of electricity generation by biomass such as urine of livestock	Low-carbon business by utilization of stock feces and urine